



12W Fixed Blade Wall Mount Adapter - EU



Features

- Double Insulated
- Low Leakage Current
- Class B EMI
- Ecodesign/ErP Lot 7 (EU) 2019/1782 Compliance
- EU CoC Ver 5 Tier 2 Compliant
- Over-Voltage and Short Circuit Protections

Applications

- Wireless Communications
- Portable Equipment
- Networking
- Peripherals



PSAA12E-120L6-R Specifications¹

Model		PSAA12E-120L6-R
Output	DC Output Voltage	12.0V
	Max Current	1.0A
	Output Power	12.0W
	Regulation	± 5%
	Ripple & Noise P-P(max) ²	240mV
Input	AC Input Voltage Range	90 to 264VAC
	AC Input Frequency	47 to 63Hz
	Input Current	0.5A(RMS) max @100VAC
	Inrush Current	40A Max @115VAC, 60A Max @230VAC
	No Load Power Consumption at 115VAC Input	0.0276W
	No Load Power Consumption at 230VAC Input	0.0321W
	115VAC Average Efficiency ³	84.48%
	230VAC Average Efficiency ³	84.55%
	230VAC 10% Load Efficiency ³	80.30%
Leakage Current	250uA max at 240VAC Input	
Protection	Over-Voltage	20V max
	Over-Current	2A max
Environmental	Operating Temperature	0°C to +40°C
	Non-Operating Temperature	-40° to +85°C
	Operating Humidity	90% RH max
Safety Approvals and EMC	Dielectric Withstand (HI-POT)	Primary to Secondary: 3000VAC for 1min, 10mA
	Insulation Resistance	Primary to Secondary: >10M ohm for 500VDC
	Standards	IEC 62368-1
	EMI Emissions	EN 55032/CISPR 32 Class B Conducted and Radiated
	Harmonic Current Emissions	IEC 61000-3-2
	Voltage Fluctuations & Flicker	IEC 61000-3-3
Immunity	EN 55024/CISPR 24: IEC 61000-4-2 (Contact:+/- 4KV, Air:+/- 8KV), IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5 (+/- 1kV), IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11	
Mechanical	Dimensions (L x W x H)	71.2mm (2.80in) x 34.0mm (1.34in) x 83.4mm (3.28in)
	DC Output Connector	2.1mm x 5.5mm x 10.0mm Barrel Center Positive
	DC Cable Type	26 AWG
Notes	<ol style="list-style-type: none"> The specifications defined are at ambient temperature of 25°C, unless otherwise specified. 20MHz bandwidth frequency oscilloscope, add a 0.1µF multilayer Cap. and Low ESR Electrolytic Cap. (10µF) at output connector terminals (nominal line voltage, full load). Efficiency is measured after 30 minutes burn-in. 	



PSAA12E-120L6-R Outline Drawing

